

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A method of producing a color filter, comprising the steps of:
forming a filter layer of a second color in a substrate region in which a filter element of a first color is to be formed; and
overlapping a filter layer of a third color different from said second color on said filter layer of said second color and on said substrate;
wherein two overlapping filter layers form the filter element, and
wherein said filter layer of a third color is made from a dye containing photoresist.

2. (Original) A method of producing a color filter according to claim 1, wherein said first color is a primary color, and each of said second and third colors is a complementary color.

3. (Currently amended) A method of producing a color filter according to claim 1, wherein each of said filter layers of said second ~~and third colors~~ color is made from a dye containing positive photoresist.

4. (Original) A method of producing a color filter according to claim 1, wherein said color filter is composed of filter elements of a plurality of said first colors each of which is either of red, green and blue colors; and

wherein said filter elements of said plurality of said first colors are produced by the steps of:
forming a yellow filter layer as a filter layer of said second or third color in a region in which said filter elements of red and green colors as said first colors are to be formed;

forming a cyan filter layer as a filter layer of said second or third color in a region in which said filter elements of green and blue colors as said first colors are to be formed; and

forming a magenta filter layer as a filter layer of said second or third colors in a region in which filter elements of red and blue colors as said first colors are to be formed.

5. (Original) A method of producing a color filter according to claim 4, wherein a principal pigment contained in a material for forming said yellow filter layer is an azo pigment; a principal pigment contained in a material for forming said cyan filter layer is a copper phthalocyanine pigment; and a principal pigment contained in a material for forming said magenta filter layer is a xanthene pigment.

6. (Currently amended) A color filter comprising:
a filter element of a first color, said first color filter element having a filter layer of a second color overlapping a portion of a filter layer of a third color,
wherein said first, second and third colors are different from each other, ~~and~~
wherein the second color layer is both in the same row as the third color layer and the second color layer is in a row above the third color layer, and
wherein said filter layer of a third color is made from a dye containing photoresist.

7. (Original) A color filter according to claim 6, wherein said first color is a primary color, and each of said second and third colors is a complementary color.

8. (Currently amended) A color filter according to claim 6, wherein each of said filter layers of said second ~~and third colors~~ color is made from a dye containing photoresist.

9. (Original) A color filter according to claim 6, wherein said first color is red, and said second and third colors are yellow and magenta respectively.

10. (Original) A color filter according to claim 6, wherein said first color is green, and said second and third colors are yellow and cyan respectively.

11. (Original) A color filter according to claim 6, wherein said first color is blue, and said second and third colors are cyan and magenta respectively.

12. (Currently amended) A solid-state imaging device comprising:
a plurality of light receiving sensor portions for photo-electric conversion, provided in a surface layer portion of a substrate; and
a color filter provided correspondingly to said plurality of light receiving sensor portions;
wherein said color filter has a filter element of a first color having a filter layer of a second color overlapping a portion of a filter layer of a third color, and
wherein said filter layer of a third color is made from a dye containing photoresist.

am 13. (Original) A solid-state imaging device according to claim 12, wherein said first color is a primary color, and each of said second and third colors is a complementary color.

14. (Original) A solid-state imaging device according to claim 12, wherein said first color is red, and said second and third colors are yellow and magenta respectively.

15. (Original) A solid-state imaging device according to claim 12, wherein said first color is green, and said second and third colors are yellow and cyan respectively.

16. (Original) A solid-state imaging device according to claim 12, wherein said first color is blue, and said second and third colors are cyan and magenta respectively.

17. (Currently amended) A solid-state imaging device according to claim 12, wherein each of said filter layers of said second ~~and third colors~~ color is made from a dye containing photoresist.
